

SEQUENCE LISTING

<110> Icon Genetics AG
Mühlbauer, Stefan

<120> Controlling Gene Expression in Plastids

<130> PCT-13034

<140> PCT/EP2004/013780
<141> 2004-12-03

<150> PCT/EP03/13656
<151> 2003-12-03

<160> 21

<170> PatentIn version 3.1

<210> 1
<211> 29
<212> DNA
<213> Artificial Sequence

<220>

<223> PCR primer

<400> 1
gaccatggaa ccagtaacgt tatacgatg 29

<210> 2
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> PCR primer

<400> 2
cactgcagtc actgcccgt ttccag 26

<210> 3
<211> 40
<212> DNA
<213> Artificial Sequence

<220>

<223> PCR primer

<400> 3

acgattgtga gcggataaca atatatttct gggagcgaac

40

<210> 4

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 4

caatcccacg agcctcttat c

21

<210> 5

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 5

gaccatggct agattagata aaagtaaag

29

<210> 6

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 6

cactgcagtt aagaccact ttcacattta ag

32

<210> 7

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 7
acgtccctat cagtgataga gtatatttct gggagcgaac 40

<210> 8
<211> 21
<212> DNA
<213> Artificial Sequence

<220>

<223> PCR primer

<400> 8
caatcccacg agcctcttat c 21

<210> 9
<211> 36
<212> DNA
<213> Artificial Sequence

<220>

<223> riboswitch

<400> 9
agatgatacc agccgaaagg cccttggcag ctctcg 36

<210> 10
<211> 78
<212> DNA
<213> Artificial Sequence

<220>

<223> PCR primer

<400> 10
tttggatccg aattctacca ttcacctctt ggatttgggt attaaagagg agaaggtata 60
tgagtaaagg agaagaac 78

<210> 11
<211> 33
<212> DNA
<213> Artificial Sequence

<220>

<223> PCR primer

<400> 11
tatgagctct tatttgtata gttcatccat gcc 33

<210> 12
<211> 89
<212> DNA
<213> Artificial Sequence

<220>

<223> cloning oligo

<400> 12
tttcggccgc cgtcgttcaa tgagaatgga taagaggctc gtgggattga cgattgtgag 60
cggataacaa tatatttctg ggagcgaac 89

<210> 13
<211> 110
<212> DNA
<213> Artificial Sequence

<220>

<223> cloning oligo

<400> 13
tttcggccgt ctagagatat atggtagtag taagttaatt ttcattaacc accactacca 60
atcacctcct ggatttgggt cgcccggagt tcgctcccag aaatatattg 110

<210> 14
<211> 113
<212> DNA
<213> Artificial Sequence

<220>

<223> cloning oligo

<400> 14
tttcggccgt cgttcaatga gaatggataa gaggctcgtg ggattgacgt gagggggcag 60
ggatggctat atttctggga gcgaacggaa atgctagcca tatgtatata tcc 113

<210> 15
<211> 116
<212> DNA

<213> Artificial Sequence

<220>

<223> cloning oligo

<400> 15

tttcggccgc cgtcgttcaa tgagaatgga taagaggctc gtgggattga cgattgtgag 60

cggataacaa tatatttctg ggagcgaacg gagatataca tatggctagc atttcc 116

<210> 16

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> membrane translocation sequence

<400> 16

Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5 10

<210> 17

<211> 27

<212> PRT

<213> Artificial Sequence

<220>

<223> membrane translocation sequence

<400> 17

Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Lys Ile Asn Leu
1 5 10 15

Lys Ala Leu Ala Ala Leu Ala Lys Lys Ile Leu
20 25

<210> 18

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> membrane translocation sequence

<400> 18

Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5

<210> 19

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> membrane translocation sequence

<400> 19

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 20

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> membrane translocation sequence

<400> 20

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15

<210> 21

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> membrane translocation sequence

<400> 21

Lys Glu Thr Trp Trp Glu Thr Trp Trp Thr Glu Trp Ser Gln Pro Lys
1 5 10 15

Lys Lys Arg Lys Val
20